

Title (en)
PROCESS FOR PREPARING AQUEOUS POLYACRYLIC DISPERSIONS WITH BETTER FLOW BEHAVIOUR

Publication
EP 0065162 B1 19850814 (DE)

Application
EP 82103734 A 19820503

Priority
DE 3118593 A 19810511

Abstract (en)
[origin: EP0065162A2] 1. A process for the preparation of aqueous polyacrylate dispersions having improved rheological properties by polymerisation of acrylic acid esters and/or methacrylic acid esters of alkanols of 1 to 10 carbon atoms with from 0 to 60% by weight of styrene and/or from 0 to 20% by weight of vinyl esters and/or from 0 to 10% by weight of water-soluble mono-olefinically unsaturated comonomers, with emulsion feed of the monomers in aqueous emulsion at from 30 to 95 degrees C in the presence of conventional free-radial polymerization initiators, protective colloids and from 0.5 to 5% by weight of nonionic emulsifiers, and in the presence or absence of regulators, the percentages by weight being based in each case on the total amount of monomers, and the polymerization being started in a vessel which may contain a small proportion of the protective colloids and/or of monoolefinically unsaturated monocarboxylic acid and/or dicarboxylic acid, wherein the protective colloid and/or a monoolefinically unsaturated monocarboxylic acid and/or dicarboxylic acid is fed to the other part of the polymerization mixture in increasing amounts per unit time while the monomer emulsion is being run in uniformly per unit time.

IPC 1-7
C08F 220/10; **C08F 2/24**; **C09D 3/80**

IPC 8 full level
C08F 220/00 (2006.01); **C08F 2/00** (2006.01); **C08F 2/24** (2006.01); **C08F 2/30** (2006.01); **C08F 20/00** (2006.01); **C08F 220/04** (2006.01); **C08F 220/10** (2006.01); **C08F 220/12** (2006.01); **C09D 4/00** (2006.01); **C09D 133/00** (2006.01)

CPC (source: EP)
C08F 220/10 (2013.01)

Cited by
EP1110979A1; US6429251B2; US6759490B1; WO03087168A1; WO0114426A1

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